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ADVANCED MATERIALS & PROCESSES®

July – December 1999, Vol. 156, No. 1-6

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CLASSIFIEDS

Plant Metallurgist/ Quality Assurance Manager

Plant Metallurgist/Quality Assurance Manager for a firm in NE Ohio. Assist with investigation and experimentation concerned with physical characteristics, properties, and processing of metals to develop new alloys, applications, and methods of commercially fabricated products from metals. This entails preparing the analysis for any new parts using software; using Statistical Process Control (SPC), including FAX II, during all processing steps; resolving problems for the forming or machining operation of different power train components; developing processing procedures for continuous heat treating furnaces, blast cleaners, and saws and shears units; analyzing phase transformations and mechanical property changes during heat treatment of ferrous materials; establishing the processing parameters on the resulting microstructure and mechanical properties of materials, analyzing such things as rate theory and diffusion and thermodynamics; characterizing different phases of steel and cast iron; and performing laboratory experimentation with the use of hardness testers and optical microscopes. Supervise two individuals. Must have an M.S. degree in Physical Metallurgy. Applicant will also qualify with a B.S. degree plus 3 yrs exp. Must have one academic course each (OR 6 mos professional exp each) in the following areas: Mechanical Treatment of Metals and Alloys; Phase Transformation of Solids; and Experimental Methods of Physical Metallurgy. Must have 1 yr exp in the job offered OR 1 yr exp as a Quality Control Engineer OR Metallurgist. Must be conversant with hardness testers and optical microscopes; FAN II (OR SPSS/MINITAB); and processing parameters of microstructure of materials. This may be gained before, during, or after degree; and may be evidenced by academic letter(s) of reference, and/or employer testimonial(s). 40 hrs/wk. 8:00 am-5:00 pm, $62,818/yr. Must have proof of legal authority to work indefinitely in U.S.

Send resume, cover letter, and academic transcripts **in duplicate** (NO CALLS) to ES Sp Prgms, REF# 4694D, Ohio Bureau of Employment Services, P.O. Box 1618, Columbus, Ohio 43216.

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Send applications to Professor Arnold Marder, Department of Materials Science and Engineering, Lehigh University, 5 East Packer Ave., Bethlehem, PA 18015.